

Page 13, line 32, delete "when".
Page 13, line 33, delete "water is used as a capturing medium of the mist."
Page 13, line 33, delete "the"(the last occurrence).
Page 13, line 34, delete "capturing medium like".
Page 13, line 35, change "capturing" to --after-treating--.
Page 14, line 7, after "37.", but before "Fig 9" inserted in the preliminary amendment, July 3, 2001, insert as follows:

--When solid carbon is used as an after-treating medium, the solid carbon can be packed in the after-treating zone 10 of the after-treating device 6.--.

Page 14, line 7, change "These" to --The water using --.

Page 14, line 11, after "introduction," insert as follows changing the line.
--Fig 10 shows an another plan view of combination of a reaction zone device and an after-treating device with solid carbon, where the after-treating device 6 packing solid carbon as an after-treating medium 10 is set to the downstream of the reaction zone device 5, if necessary, with a water feeding system like Fig 9 and water is introduced by a conduit 33 from the system.--.

IN THE CLAIMS

Claim 1. (amended) An apparatus for treating an exhaust gas in a passsge of the exhaust gas by installing a liquid-including substance which has at least partially liquid surface and can adhere to capture at least one of carbon-

containing particles in the exhaust gas having at least one liquid selected from the liquid containing a salt including oxygen acid radical of nitrogen in an amount exceeding a salt including carbonic acid radical dissolved in the liquid-including substance, and

the liquid containing a salt including oxygen acid radical of nitrogen having solid that can form the salt including oxygen acid radical of nitrogen by absorbing nitrogen oxides.

Claim 12. line 4, delete "and calcium".

Claim 14. (amended) An apparatus according to claim 1, wherein the apparatus is operated at a temperature higher than 100°C and lower than 300 °C.

Claim 16. cancel.

Claim 17. cancel

Claim 18. (amended) An apparatus for treating an exhaust gas in a passage of

the exhaust gas by installing a liquid-including substance which has at least partially liquid surface and can adhere to capture at least one of carbon-containing particles in the exhaust gas, wherein a salt including oxygen acid of nitrogen in at least one state of at least partially molten state and at least partially dissolved state in the liquid and a salt including carbonic acid radical that is reactive with nitrogen oxides in the exhaust gas are present, whereby they may come into close contact each other.

Claim 19. (amended) An apparatus [according to claim 1.] for treating an exhaust gas in a passage of the exhaust gas by installing a liquid-including substance which has at least partially liquid surface and can adhere to capture at least one of carbon-containing particles in the exhaust gas having at least one liquid selected from:

the liquid containing a salt including oxygen acid radical of nitrogen in an amount exceeding a salt including carbonic acid radical dissolved in the liquid-including substance, and

the liquid containing a salt including oxygen acid radical of nitrogen having solid that can form the salt including oxygen acid radical of nitrogen by absorbing nitrogen oxides,

wherein the apparatus comprising:

a reaction zone device equipped with at least one pool where at least one exhaust gas blow nozzle is opened at least in the liquid-including substance and in the vicinity of the surface of the liquid-including substance in the pool, and with at least one capturing zone that captures entrainment of the liquid-including substance [and constitutes a contacting surface area between the exhaust gas and the liquid-including substance.

an after treating device equipped with at least one water pool where at least one blow nozzle for the exhaust gas treated in the reaction zone is opened at least in the water and in the vicinity of surface of the water in the pool, and at least one capturing zone that captures entrainment of the water and constitutes a contacting surface area between the exhaust gas and the water, and

means for feeding water to the after-treating device and sending the water contacted with the exhaust gas in the after-treating device to the reaction zone device].

Claim 21. (amended) An apparatus according to claim [1] 19. wherein the apparatus further comprising:

[a reaction zone device equipped with at least one pool where at least one